

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027600.D
 Acq On : 30 Aug 2022 20:58
 Operator : SY/MD
 Sample : N4418-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD1MSD

Quant Time: Aug 31 04:52:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	161679	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155645	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79019	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52230	4.539	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.564	69	40850	4.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.104	63	101974	3.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.889	46	80463	56.189	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.380%
24) Chloroform-d	4.346	84	105183	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.030	65	48796	4.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.046	84	194045	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.069	67	59954	4.783	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.313	98	176852	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.625	79	17376	4.049	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.091	63	75360	53.345	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.700%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	43349	5.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	54342	4.639	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	70190	4.091	ug/L	99
3) Chloromethane	1.240	50	71350	4.763	ug/L	100
5) Vinyl chloride	1.310	62	68814	4.563	ug/L	98
6) Bromomethane	1.519	94	26952	3.614	ug/L	96
8) Chloroethane	1.580	64	43109	4.891	ug/L	98
9) Trichlorofluoromethane	1.751	101	108691	4.536	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	55690	4.118	ug/L	97
12) 1,1-Dichloroethene	2.114	96	49126	4.016	ug/L	89
13) Acetone	2.169	43	65403	47.824	ug/L	98
14) Carbon disulfide	2.291	76	121357	3.615	ug/L	100
15) Methyl Acetate	2.432	43	9872	2.607	ug/L	98
16) Methylene chloride	2.503	84	63741	3.456	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	120558	4.763	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	55283	4.387	ug/L	93
19) 1,1-Dichloroethane	3.185	63	125420	4.807	ug/L	99
21) 2-Butanone	3.969	43	97349	53.489	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	68953	5.134	ug/L	99
23) Bromochloromethane	4.243	128	26487	4.472	ug/L	95
25) Chloroform	4.371	83	135277	4.768	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	72660	5.041	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	111277	4.658	ug/L	100
30) Cyclohexane	4.673	56	74314	4.052	ug/L	95
31) Carbon tetrachloride	4.825	117	92175	4.437	ug/L	99
33) Benzene	5.098	78	245281	4.740	ug/L	100
34) Trichloroethene	5.911	95	64955	4.770	ug/L	98
35) Methylcyclohexane	6.130	83	74830	3.907	ug/L	99
37) 1,2-Dichloropropane	6.172	63	71756	5.201	ug/L	99
38) Bromodichloromethane	6.509	83	89650	5.125	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	68053	4.091	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	349789	56.745	ug/L	99
42) Toluene	7.387	91	270856	5.071	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	57750	4.106	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	46802	5.306	ug/L	99
47) Tetrachloroethene	7.972	164	53567	5.049	ug/L	98
48) 2-Hexanone	8.140	43	258015	58.088	ug/L	98
49) Dibromochloromethane	8.242	129	54244	5.001	ug/L	98
50) 1,2-Dibromoethane	8.352	107	40021	5.198	ug/L	97
51) Chlorobenzene	8.879	112	167015	4.831	ug/L	97
52) Ethylbenzene	9.011	91	260480	4.778	ug/L	99
53) m,p-Xylene	9.140	106	101097	4.845	ug/L	97
54) o-Xylene	9.541	106	97149	4.800	ug/L	96
55) Styrene	9.561	104	143731	4.174	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	54701	5.506	ug/L	99
59) Bromoform	9.731	173	26315	4.969	ug/L	99
60) Isopropylbenzene	9.931	105	263954	5.077	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	38933	5.616	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	66358	4.603	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	193347	4.760	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	130691	5.102	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	130249	5.100	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	121481	5.231	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	7779	5.051	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	88757	4.642	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	65028	4.680	ug/L	98
71) Naphthalene	13.499	128	93157	4.857	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	59070	4.786	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

